

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	3	20 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 09:16
L6	322	3 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 09:16
L20	3051	(361/103,91.1,111).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/23 09:15
L19	4	("3060298").URPN.	USPAT	OR	ON	2007/03/23 09:15
L18	367	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) near8 (inductance INDUCTOR) near5 (RESISTOR VARISTOR MOV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:39
L17	518	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) with (inductance INDUCTOR) with (RESISTOR VARISTOR MOV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:39
L2	1140	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) same (inductance INDUCTOR) same (RESISTOR VARISTOR MOV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:38
L16	61	15 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:34
L15	97594	("361").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/03/23 08:34
L14	56	("4586104").URPN.	USPAT	OR	ON	2007/03/23 08:34
L10	5	9 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:34
L13	12	("2789254"   "3372285"   "3793535"   "3890543"   "3934175"   "4068277"   "4068281"   "4075591"   "4325097"   "4389695").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 08:33
L12	2	("6097246").URPN.	USPAT	OR	ON	2007/03/23 08:32

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L11	2	("5379014"   "5510946").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 08:32
L9	2684	(361/117-120).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/23 08:28
L8	44	("3249807"   "3317789"   "3678371"   "3710184"   "3857060"   "3917976"   "3936958"   "3986076"   "3997814"   "4015167"   "4017761"   "4209730"   "4222096"   "4378514"   "4443740"   "4562381"   "4626745"   "4859914"   "4866347"   "4885507"   "4891562"   "4914354"   "4958107"   "4994718"   "5047694"   "5049789"   "5055747"   "5173643"   "5210471"   "5216333"   "5289084"   "5289110"   "5309065"   "5321338"   "5327048"   "5389857"   "5396152"   "5396155"   "5406174"   "5406175"   "5463284"   "5477113").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 08:28
L7	290	(UTILITY NEAR2 METER WATT NEAR2 METER ELECTRICITY NEAR2 METER WATTHOUR NEAR3 METER POWER NEAR2 METER AC NEAR2 POWER AC NEAR2 INPUT RECEPTACLE OUTLET PLUG) and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:21
L3	2461225	(UTILITY NEAR2 METER WATT NEAR2 METER ELECTRICITY NEAR2 METER WATTHOUR NEAR3 METER POWER NEAR2 METER AC NEAR2 POWER AC NEAR2 INPUT RECEPTACLE OUTLET PLUG AC near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:20
L5	112	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:19
L4	172	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:12
S14 5	2407860	(UTILITY NEAR2 METER WATT NEAR2 METER ELECTRICITY NEAR2 METER WATTHOUR NEAR3 METER POWER NEAR2 METER AC NEAR2 POWER AC NEAR2 INPUT RECEPTACLE OUTLET PLUG)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:11
S18 5	1140	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) same (inductance INDUCTOR) same (RESISTOR VARISTOR MOV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:10
L1	97601	(voltage near2 transient voltage near2 surge overvoltage suppression near2 voltage spike near2 voltage excess near2 voltage voltage near2 suppressor input near2 overvoltage input near2 surge input near2 transient input near2 protect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:09

## EAST Search History

S13 3	123	(voltage near2 transient voltage near2 surge overvoltage suppression near2 voltage spike near2 voltage excess near2 voltage voltage near2 suppressor) and inductor and resistor and PTC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 08:08
S19 5	1	("4845580").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 12:14
S19 4	10	S193 and (surge transisent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 12:14
S19 3	212	S192 and utility	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 12:03
S19 2	3507	Epstein.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 12:02
S19 1	1	("4675772").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 12:02
S19 0	62	S185 SAME AC near2 (power supply voltage source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 12:01
S18 6	177	S185 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 11:34
S18 9	271	S178 and (CURRENT NEAR2 LIMIT\$3 SURGE TRANSIENT OVERCURRENT OVERVOLTAGE SPIKE EXCESS NEAR2 VOLTAGE EXCESS NEAR2 IPNUT EXCESS NEAR3 POWER SURGE NEAR2 POWER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 11:08
S17 9	102	S178 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 11:07
S18 8	56	("4586104").URPN.	USPAT	OR	ON	2007/03/22 10:59

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S18 7	12	("2789254"   "3372285"   "3793535"   "3890543"   "3934175"   "4068277"   "4068281"   "4075591"   "4325097"   "4389695").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:58
S18 4	603	S136 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:50
S14 0	26	S136 and S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:49
S13 6	2451	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) AND INDUCTOR AND (RESISTOR VARISTOR MOV)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:49
S18 3	95	S136 and S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:39
S18 2	17	("4700188").URPN.	USPAT	OR	ON	2007/03/22 10:35
S18 1	3	("4442492"   "4500973"   "4514685").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:35
S18 0	8	("4807083"   "4876713"   "4903161"   "5675468"   "5835326"   "6249415"   "6252754"   "6282075").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:27
S17 8	405	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) and S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:24
S17 7	15192	utility near2 ( power supply source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:24
S17 6	74	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) and S169	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:24

## EAST Search History

S13 9	921	S137 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:24
S16 9	2540	utility near2 power near2 (supply source)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:23
S17 1	27	(PTC PPTC THERMISTOR PTC NEAR3 THERMISTOR) and S170	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:16
S17 5	1	("4860150").URPN.	USPAT	OR	ON	2007/03/22 10:14
S17 4	3	("4447846"   "4703191"   "4757416").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:14
S17 3	1	("4860150").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 10:14
S17 2	160	S139 and inductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 10:14
S17 0	457	S169 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:58
S16 2	457	utility near2 power near2 (supply source) and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:58
S16 8	35	("4259705").URPN.	USPAT	OR	ON	2007/03/22 09:52
S16 7	11	("2939095"   "2943272"   "3372285"   "3693053"   "3705365"   "4038990"   "4089032"   "4095262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 09:51
S16 6	11	("2939095"   "2943272"   "3372285"   "3693053"   "3705365"   "4038990"   "4089032"   "4095262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 09:48
S16 5	5	("3736437"   "4259705"   "4301428"   "4675772"   "4843356").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 09:44

## EAST Search History

S16 4	2	utility near2 power near2 (supply source) with household	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:35
S16 3	174	S162 and inductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:31
S16 1	1	("6210232").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:06
S16 0	1	("4937699").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:06
S15 9	1	("4549161").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:05
S15 8	2	((("4630163") or ("5999384"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:04
S15 7	1	("4630163").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:04
S15 6	1	("4630163").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:03
S15 5	390	S145 AND S154	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:47
S15 4	603	S136 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:41
S15 3	25950	S137 same S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:40
S15 2	390	S138 AND S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:40
S15 0	25950	S137 same S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:40

## EAST Search History

S15 1	1035	S136 AND S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:39
S14 1	177	S137 same S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:39
S14 9	36	("5321573").URPN.	USPAT	OR	ON	2007/03/22 08:33
S14 8	2	("4658153"   "5142430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:32
S14 7	390	S136 AND S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:13
S14 6	21471	S138 AND S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:13
S13 7	25950	(UTILITY NEAR2 METER WATT NEAR2 METER ELECTRICITY NEAR2 METER WATTHOUR NEAR3 METER POWER NEAR2 METER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:12
S14 4	91	S136 and S137	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:09
S14 3	16	("1778972"   "2606232"   "3693053"   "3725745"   "3742420"   "3894274"   "3914657"   "4218721"   "4249224"   "4262319"   "4645943"   "4661881"   "4791523"   "5023747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:06
S14 2	8	("2606232"   "3725745"   "3914657"   "4089032"   "4726638"   "4875137"   "5010438").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:04
S13 8	94952	(voltage near2 transient voltage near2 surge overvoltage suppression near2 voltage spike near2 voltage excess near2 voltage voltage near2 suppressor surge near3 power transient near2 input excess near2 input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:01

## EAST Search History

S13 1	20	(voltage near2 transient voltage near2 surge overvoltage suppression near2 voltage spike near2 voltage excess near2 voltage voltage near2 suppressor) and utility near2 power and PTC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:00
S13 5	56	("4586104").URPN.	USPAT	OR	ON	2007/03/22 07:55
S13 4	12	("2789254"   "3372285"   "3793535"   "3890543"   "3934175"   "4068277"   "4068281"   "4075591"   "4325097"   "4389695").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:50
S13 2	46	(voltage near2 transient voltage near2 surge overvoltage suppression near2 voltage spike near2 voltage excess near2 voltage voltage near2 suppressor) and (meter electric near2 meter electricity near2 meter) and PTC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 07:44
S13 0	3	((("6411486") or ("4630163") or ("6094129"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 07:38
S2	21350	inductor same resistor	US-PGPUB; USPAT	OR	ON	2004/10/08 10:32